

| | | | | | |
|---|---|----|--------------------------|------------------------|------------|
| Substitute for form 1449/PTO | | | Complete if Known | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | Application Number | 10/731,170-Conf. #5045 | |
| | | | Filing Date | December 10, 2003 | |
| | | | First Named Inventor | Yong Cheol PARK | |
| | | | Art Unit | 2627 | |
| | | | Examiner Name | P. H. Gupta | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 0465-1110P |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AA* | US-2004-0246849 | 12-09-2004 | Hwang et al. | |
| | AB* | US-5,289,450-A | 02-22-1994 | Mizumoto et al. | |
| | AC* | US-7,317,670-B2 | 01-08-2008 | Park | |
| | AD* | US-7,372,788-B2 | 05-13-2008 | Park et al. | |
| | AE* | US-7,483,355-B2 | 01-27-2009 | Park | |
| | AF* | US-5,966,358-A | 10-12-1999 | Mine | |
| | AG* | US-2002-0186341 | 12-12-2002 | Yamamura et al. | |
| | AH* | US-5,051,849 | 09-24-1991 | Fukushima et al. | |
| | AI* | US-5,633,764 | 05-27-1997 | Ohta | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|-------------|---|---|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | † |
| | | Country Code ² -Number ³ -Kind Code ⁴ (if known) | MM-DD-YYYY | | | |
| | BA | EP-1143444-A2 | 10-10-2001 | Samsung Electronics Co Ltd | | |
| | BB | JP-2000-040308-A | 02-08-2000 | Lg Electronics Inc | | |
| | BC | JP-2001-167472-A | 06-22-2001 | Hitachi Maxell | | |
| | BD | JP-2003-030844-A | 01-31-2003 | Hitachi Ltd | | |
| | BE | JP-2054327-A | 02-23-1990 | Victor Company Of Japan | | |
| | BF | JP-4114371-A | 04-15-1992 | Canon Kk | | |
| | BG | JP-64-79940-A | 03-24-1989 | Brother Ind Ltd | | |
| | BH | JP-9-282849-A | 10-31-1997 | Pioneer Electronic Corp | | |
| | BI | RU-2223556-C2 | 02-10-2004 | | | |
| | BJ | WO-2004/029942-A1 | 04-08-2004 | Lg Electronics Inc | | |
| | BK | WO-2004/059648-A2 | 07-15-2004 | Matsushita Electric Ind Co Ltd et al. | | |
| | BL | WO-2004/079730-A1 | 09-16-2004 | Samsung Electronics Co Ltd et al. | | |
| | BM | WO-2005/062306-A1 | 07-07-2005 | Samsung Electronics Co Ltd | | |
| | BN | WO-2005/073971-A2 | 08-11-2005 | Koninkl Philips Electronics Nv et al. | | |
| | | | | | | |

| | | | |
|--------------------|---------------|-----------------|------------|
| Examiner Signature | /Parul Gupta/ | Date Considered | 07/29/2009 |
|--------------------|---------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IPFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.G./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|------------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Application Number | 10/731,170-Conf. #5045 |
| | | | | Filing Date | December 10, 2003 |
| | | | | First Named Inventor | Yong Cheol PARK |
| | | | | Art Unit | 2627 |
| | | | | Examiner Name | P. H. Gupta |
| Sheet | 2 | of | 2 | Attorney Docket Number | 0465-1110P |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|---------------|---|--------------------------------|---|---|---|
| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | † |
| | | Country Code ¹ -Number ² -Kind Code ³ (if known) | | | | |
| | BO | JP-1166751-A | 03-09-1999 | Ricoh Co., Ltd. | | |
| | BP | JP-2001-266464-A | 09-28-2001 | Nippon Columbia | | |
| | BQ | JP-2000-322835-A | 11-24-2000 | Matsushita Electric Ind Co Ltd | | |
| | BR | JP-2000-293948-A | 10-20-2000 | Matsushita Electric Ind Co Ltd | | |
| | BS | JP-2006-500724 | 01-05-2006 | | | |
| | BT | WO-2004/029668-A2 | 04-08-2004 | Lg Electronics Inc | | |
| | BU | WO-03/030173-A2 | 04-10-2003 | Koninkl Philips Electronics Nv | | |
| | BV | JP-2006-503396 | 01-26-2006 | | | |
| | BW | WO-2004-036561 | 04-29-2004 | Samsung Electronics Co., Ltd | | |
| | | | | | | |
| Examiner Signature | /Parul Gupta/ | | | Date Considered | 07/29/2009 | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.95(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.G./